

CLIMATE

CENTRIFUGAL PUMPS FOR MARINE A/C

Marine centrifugal pumps are an excellent choice for providing seawater circulation for air conditioning systems. The proven magnetic drive eliminates the troublesome mechanical shaft seal.

SUBMERSIBLE
RATED IP66

SAVES POWER
EFFICIENT MOTOR

RUN DRY PROTECTED
THERMAL OVERLOAD



115V/50 OR 60Hz
230V/ 50 OR 60Hz

Mobile living made easy.

 **DOMETIC**

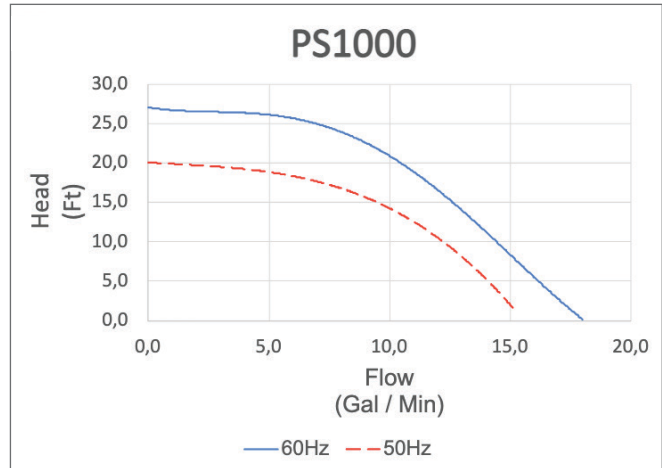
ULTRA-DURABLE CENTRIFUGAL SEAWATER PUMPS

TECHNICAL DATA						
Model	PS250		PS500		PS1000	
Voltage (V)	115	230	115	230	115	230
Cycle (Hz) ¹	50/60		50/60		50/60	
Phase (Ph)	1		1		1	
Amps (A)	1.1	0.5	1.8	0.9	2.0	1.0
Max. Flow (gpm/lpm)	5/19		8.5/32		16.6/63	
Max. Head (ft/m)	13/4.0		19/5.8		28/8.5	
Ignition Protection	yes		yes		yes	
Motor HP (hp)	1/35		1/20		1/8	
Inlet Connection (in/mm)	0.75/19		0.75/19		1/26	
Outlet Connection (in/mm)	0.25/7		0.5/13		0.5/13	
Net Weight (lbs/kg)	5/2.3		9/4.1		15.5/7.1	
Replaced Pumps	PML250 & LC-2CP-MD		PML500 & LC-3CP-MD		PML1000 & LC-5CP-MD	

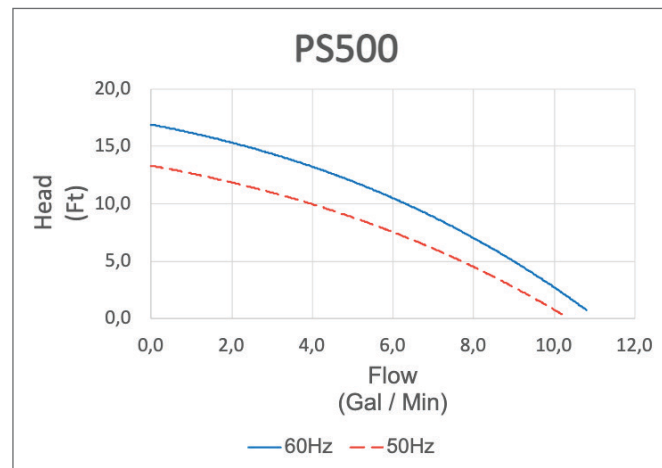
¹Standard (50/60Hz) pumps may be operated at 50Hz and reduced voltages but with a 17% reduction in flow and as much as a 30% drop in head.

SEAWATER PUMP CURVE DATA

1000 GPH					
115V / 230V (50 HZ)			115V / 230V (60 HZ)		
Head (m)	Head (ft)	GPM	Head(m)	Head(ft)	GPM
6,096	20,0	0,0	8,2296	27,0	0,0
5,4864	18,0	6,5	7,9248	26,0	5,6
4,8768	16,0	8,8	7,3152	24,0	7,5
4,2672	14,0	10,2	6,7056	22,0	9,5
3,6576	12,0	11,0	5,1816	17,0	12,0
2,4384	8,0	12,9	3,6576	12,0	13,5
1,8288	6,0	14,0	2,4384	8,0	15,0
0,9144	3,0	15,0	1,8288	6,0	16,0
0	0,0	15,2	0	0,0	18,0



500 GPH					
115V / 230V (50 HZ)			115V / 230V (60 HZ)		
Head(m)	Head(ft)	GPM	Head (m)	Head (ft)	GPM
4,0	13,2	0,0	5,1	16,8	0,0
3,7	12,0	2,0	4,4	14,5	3,0
3,4	11,0	3,0	3,7	12,0	5,0
3,0	10,0	4,0	2,6	8,5	7,0
2,1	7,0	6,0	2,0	6,7	8,0
1,8	6,0	7,0	1,2	3,9	10,0
1,5	5,0	8,0	0,0	0,0	10,8
0,3	1,0	10,0			
0,0	0,0	10,2			



250 GPH					
115V / 230V (60 HZ)			115V / 230V (50 HZ)		
Head(m)	Head(ft)	GPM	Head (m)	Head (ft)	GPM
3,0	10,0	0,0	4,0	13,2	0,0
2,7	9,0	1,5	3,4	11,0	2,5
2,1	7,0	3,0	2,7	9,0	3,5
1,5	5,0	3,5	2,0	6,5	4,0
0,8	2,5	4,0	0,8	2,5	4,5
0,0	0,0	4,5	0,0	0,0	5,0

